

SJ1238HD2 Sanju 24VDC 120x120x38mm 1A DC Axial Fan Datasheet



SKU: [724738157972](#)

Category: Axial & Centrifugal Fans

Price: **\$23.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/sj1238hd2-sanju-24vdc-120x120x38mm-1a-dc-axial-fan>

Product Description

The Sanju SJ1238HD2 is a high-performance DC Axial Fan engineered for rigorous industrial thermal management applications requiring substantial airflow and reliability. Utilizing advanced DC brushless motor technology and a robust Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational service life under continuous heavy loads. The aerodynamic impeller design is optimized to overcome high system impedance, delivering concentrated airflow with exceptional structural rigidity. Designed specifically for inverter and chassis cooling, it maintains thermal equilibrium in high-density electronic environments where heat dissipation is critical.

Model Number: SJ1238HD2

Brand: Sanju

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.00 A

Power Input: 24.00 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 175.00 CFM (297.3 m³/h / 4.95 m³/min)

Max. Static Pressure: 16.50 mmH₂O (161.8 Pa / 0.65 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 310 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 56.0 dBA

Housing Material: Glass Fiber Reinforced PBT (UL94V-0)

Impeller Material: Glass Fiber Reinforced PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Lead (Red +, Black -)

Ingress Protection: IP20

Safety Certifications: CE, UL, TUV, RoHS

Motor Protection: Impedance Protected, Reverse Polarity Protection

The Sanju SJ1238HD2 is specifically calibrated for high-demand cooling environments such as industrial inverters, frequency converters, and high-density server racks. Its high static pressure capability makes the SJ1238HD2 ideal for forcing air through restricted enclosures found in CNC machinery, telecommunications cabinets, and power supply units, ensuring critical components remain within safe operating temperature ranges.

Supplemental Images

